

H-5M PTO-1390  
(REV 5-93)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.  
026073-00008TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

DATE: September 26, 2006

U.S. APPN NO. 10/594,298  
35 U.S.C. New Application

INTERNATIONAL APPLICATION NO. PCT/IB2005/000795	INTERNATIONAL FILING DATE March 23, 2005	PRIORITY DATE CLAIMED March 26, 2004
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TITLE OF INVENTION: METHOD FOR THE DETECTION OF INTRACELLULAR PARAMETERS WITH LUMINESCENT PROTEIN PROBES FOR THE SCREENING OF MOLECULES CAPABLE OF ALTERING SAID PARAMETERS

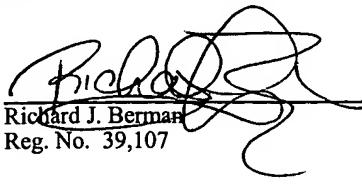
APPLICANT(S) FOR DO/EO/US: Rosario RIZZUTO (Padova, Italy); Tullio POZZAN (Dolo Venezia, Italy); Paolo PINTON (Padova, Italy); Marisa BRINI (Padova, Italy) and Carlotta GIORGI (Mantova, Italy)

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The U.S. has been elected (Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto (required only if not transmitted by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application into English [35 U.S.C. 371(c)(2)]
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
  - a.  are attached hereto (required only if not transmitted by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

## Items 11 to 20 below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98; and PTO-SB08a Form.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13/ter.2 and 37 CFR 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: Drawings - Figs (1-8 sheets); International Search Report; International Preliminary Report (PCT IPEA/409; Written Opinion (PCT/ISA/237); WO 2005/093429 A3; WO 2005/093429 A2

U.S. APPLN. NO. (IF KNOWN) SEE 37 C.F.R. 1.50) New Application <b>10/594298</b>		INTERNATIONAL APPLICATION NO. PCT/IB2005/000795		ATTORNEY DOCKET NO. 026073-00008	
The following fees are submitted:					
21. <input checked="" type="checkbox"/> Basic National Fee		.....	\$300.00	\$ 300.00	PTO USE ONLY
22. <input checked="" type="checkbox"/> Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)		.....	\$100.00	\$ 200.00	
		.....	\$200.00		
23. <input checked="" type="checkbox"/> Search Fee Search Fee (37 CFR 1.445(a)(2)) has been paid on the International Application to the USPTO as an International Searching Authority		.....	\$100.00	\$ 400.00	
		.....	\$400.00		
		.....	\$500.00		
		All other situations			
TOTAL OF CALCULATIONS FOR 21, 22 and 23 =				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	Rate		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].					
Claims	Number Filed	Number Extra	Rate		
Total Claims	43 - 20 =	23	x \$ 50.00	\$ 1150.00	
Independent Claims	3 - 3 =	0	x \$200.00	\$ 0	
Multiple dependent claim(s) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 2050.00	
Reduction by one-half for filing by small entity, if applicable. Small entity status under 37 C.F.R. §§1.9 and 1.27 is hereby claimed.				\$ 1025.00	
SUBTOTAL =				\$ 1025.00	
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				\$	
TOTAL NATIONAL FEE =				\$ 1025.00	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$ 1025.00	
				Amount to be refunded	\$
				Charged	\$
a. <input type="checkbox"/> Check # _____ in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 01-2300 in the amount of \$ <u>1025.00</u> to cover the above fee. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 01-2300.					
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer No. 004372 Arent Fox PLLC 1050 Connecticut Avenue, N.W. Suite 400 Washington, D.C. 20036-5339 Tel: (202) 857-6000 Fax: (202) 638-4810					
 Richard J. Berman Reg. No. 39,107					
RJB:ars					